

Despite comments filed by the BPL industry, interference in Manassas from BPL deployment is very prevalent and poses a real problem for licensed Amateur communications. I received and reviewed the response letter from Mr. Alan Todd (City of Manassas Utilities). Since that time Mr. Todd, representatives of Ole Virginia Hams, and I have worked together surveying the BPL interference. We have developed a working relationship with the City of Manassas Utilities, thanks to the efforts of Mr. Todd.

Being a licensed Amateur, Mr. Todd personally witnessed the magnitude of the BPL interference as it relates to Amateur Radio. Case in point: by setting four channels (for lack of a better term) of the BPL useful spectra offline, the interference found on the 40-meter band was totally eliminated at Battlefield Road. This was a temporary solution, since the BPL interference in the 40-meter band has returned. Regardless of the relationship we have established with the City of Manassas Utilities, our concerns over the deployment of BPL are still heightened. Switching off spectrum from the BPL deployment is a temporary solution.

Consider BPL providers would have to place approximately sixteen channels of their selectable frequencies out of service for the licensed Amateur spectrum with which they interfere. This is not taking into consideration services such as WWV and general short wave broadcast that are also suffering from interference by BPL. As the BPL user demands increase, the need for more bandwidth proportionally increases resulting in BPL using previously removed channels of the BPL useable spectrum to facilitate the needed bandwidth. There has been a lack of consistency in eliminating BPL interference from the licensed Amateur frequencies. One day the BPL interference is removed from our 40meter band; the next day BPL interference is back in full force.

As the number of BPL users increase, and the possibility of added services such as telephone, Pay Per View video and radio, the bandwidth requirements of BPL will maximize their currently used spectrum. This demand will require the use of all the BPL frequencies and more. This action will leave no room for filtering BPL interference from licensed services.

In my opinion, this type of data provisioning requires regulation and limitations beyond Part 15. I ask you for thoughtful consideration of the catastrophic results to the Amateur community and other licensed services if BPL deployment as seen to date is allowed to continue. Thank you for your attention to this important issue.

Respectfully yours,

George V. Tarnovsky